

FIRE EQUIPMENT OPERATOR

(Promotional Class)

DISTINGUISHING FEATURES OF THE CLASS

This class ranks directly above that of Firefighter in the fire suppression line. Employees of this class may be required to perform fire fighting tasks of lower ranking employees, however, primary duties include driving equipment to the scene of a fire or emergency, operating pumps, and testing and maintaining fire department equipment and vehicles. Employees of this class work under the direct supervision of a fire captain in charge of their assigned shift.

EXAMPLES OF WORK

Examples listed below are illustrative only. They are not intended to include all duties which may be assigned, neither are they intended to exclude other duties which may be logical assignments to this class.

Consult a map for street location and/or plug location; select best available route to fire scene using maps, knowledge of streets and information regarding temporary obstructions, repairs, traffic conditions, etc.

Drive and operate fire apparatus such as pumpers with standard or automatic transmission; operate the tiller of assigned vehicle to and from scene of fire or emergency; operate pumps such as multi-stage centrifugal pump;

Position the fire pumper to supply hose lines from the water tank on the apparatus, to obtain water from a water hydrant, or to draft water from a static source such as a lake; follow correct procedures for connecting onto, opening, and closing a hydrant; lay supply lines; connect/disconnect hose to intake and discharge valves of pumper; follow the correct procedures for using hose appliances and tools; select the proper g.p.m. (gallons per minute); operate pump to build or increase water pressure to supply adequate pressure at the nozzle; operate pumper to supplement the water supply to a sprinkler system or to a standpipe system; monitor all gauges and make any necessary adjustments; follow correct procedures for emergency situations such as burst lines, cavitation, overheating, etc.;

Perform service test on hose to test for rated capacity; check hoses for leaks after a fire by running water under pressure through them for a specified time; replace empty air bottles on breathing apparatus; periodically inspect and test breathing apparatus.

Run engine at scheduled intervals for a specified time, to check its operation; check all visible and audible warning signals; check all batteries and charge if necessary; pressure check all brakes; routinely check fluid levels in fire vehicle, such as oil, gas, water in radiator, etc.; add fluid as required; check each tire for cuts, breaks, and proper inflation; test fire pumps at regular scheduled times (daily, weekly or monthly); check prime, relief valve, change over valve, etc.; make any necessary minor adjustments or report them if they are major; check water tank on pumper; refill tank or replace water when needed.

Check all equipment on truck to make sure it is in its proper place and in good working order (routinely and after fires); clean all equipment and make any minor repairs;

Keep an accurate record of the operation of the fire vehicle, such as hours in operation, mileage, missing equipment, repairs made, etc.; fill out a checklist for periodic maintenance on truck; list any repairs needed, e.g. headlights, damage to truck or malfunctioning equipment (daily, weekly, and/or monthly).

Perform preservice tests on all new pumpers (includes manufacturer's test, certification tests and acceptance test).

Inspect commercial businesses and recommend corrections for unsafe practices and conditions; collect information for pre-fire planning

Read and study firefighting training materials, procedures, and regulations on an individual basis; participate in training and/or drills on pump operations, ladders, hoses, connections, aerial ladders, etc.; assist in "on the job" training of new firefighters;

Perform routine maintenance and upkeep of fire station;

Perform related duties as assigned.

QUALIFICATION REQUIREMENTS

Unless otherwise specified, all requirements must be met before admission to examination.

Must meet all requirements of the Municipal Fire and Police Civil Service Law, including being a citizen of the United States, and passing a civil service examination for the position.

Must be a regular and permanent employee in good standing in the class of Firefighter. Before admission to examination, must obtain State certification as Firefighter II, according to NFPA Standard 1001. Certificate must be submitted with application.

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